

EXPLORATIONS IN HARMONIC ANALYSIS
AND OTHER REALMS

February 10–14, 2019
Weizmann Institute of Science, Rehovot, Israel

PROGRAM

Sunday, February 10, 2019

Weissman Auditorium

Edna and K.B. Weissman Building of Physical Sciences

10:00–10:30	<i>Registration</i>
10:30–10:45	<i>Opening</i>
10:50–11:30	T. W. Körner, “Rearranged series”
11:30–12:00	<i>Coffee break</i>
12:00–12:40	P. Mattila, “Some applications of the Fourier transform to Hausdorff dimension”
12:40–14:10	<i>Lunch</i>
14:10–14:50	S. V. Konyagin, “On subsequences of almost everywhere convergence of partial trigonometric Fourier sums”
15:00–15:40	Y. Belov, “The Newman-Shapiro problem”
15:40–16:10	<i>Coffee break</i>
16:10–16:50	A. Ulanovskii, “Discrete translates in function spaces”
17:00–17:40	A. Baranov, “Differentiation invariant subspaces in the space of infinitely differentiable functions”
18:00–	<i>Reception</i>

Monday, February 11, 2019

Weissman Auditorium

Edna and K.B. Weissman Building of Physical Sciences

10:00–10:40	V. Milman, “Flowers and reciprocity in the theory of convexity”
10:40–11:10	<i>Coffee break</i>
11:10–11:50	B. Kashin, “On the decomposition of a given matrix into two submatrices with extremely small $(2, 1)$ norm”
12:00–12:40	E. Gluskin, “A remark on the Ekeland-Hofer-Zehnder capacity”
12:40–14:10	<i>Lunch</i>
14:10–14:50	B. Klartag, “Convex geometry and waist inequalities”
15:00–15:40	R. Peled, “Fluctuations of random surfaces”
15:40–16:10	<i>Coffee break</i>
16:10–16:50	E. Saksman, “Decompositions of log-correlated fields with applications”

Tuesday, February 12, 2019

Weissman Auditorium

Edna and K.B. Weissman Building of Physical Sciences

10:00–10:40	S. Kislyakov, “Interpolation for intersections of certain Hardy-type spaces”
10:40–11:10	<i>Coffee break</i>
11:10–11:50	V. Lebedev, “Self-mappings of the circle that preserve the Beurling algebra $A_*(\mathbb{T})$ ”
12:00–12:40	A. Lerner, “On the weak Muckenhoupt-Wheeden conjecture”
12:40–14:10	<i>Lunch</i>
14:10–14:50	A. Logunov, “Landis conjecture”
15:00–15:40	D. Mangoubi, “Multiplicity of Eigenvalues for the circular clamped plate problem”
15:40–16:10	<i>Coffee break</i>
16:10–16:50	E. Malinnikova, “An improvement of Liouville’s theorem for discrete harmonic functions”
19:00	<i>Conference Dinner</i>

Wednesday, February 13, 2019

Weissman Auditorium

Edna and K.B. Weissman Building of Physical Sciences

10:00–10:40	K. Seip, “Value distribution of some zeta functions”
10:40–11:10	<i>Coffee break</i>
11:10–11:50	H. Hedenmalm, “Planar orthogonal polynomials and boundary universality in the random normal matrix model”
12:00–12:40	B. Solomyak, “Spectral theory of substitution and tiling dynamical systems”
12:40–14:10	<i>Lunch</i>
14:10–14:50	E. Abakumov, “Ordered structure for Cauchy–de Branges spaces”
15:00–15:40	A. Borichev, “Weak embedding property, inner functions and entropy”
15:40–16:10	<i>Coffee break</i>
16:10–16:50	S. Nitzan, “Reflections on Landau’s density theorem”

Thursday, February 14, 2019

Morning Session, 10:00-12:40

Ebner Auditorium

Afternoon Session, 14:10-16:50

Weissman Auditorium

Edna and K.B. Weissman Building of Physical Sciences

10:00–10:40	M. Kolountzakis, “Tiling by translation and bases of exponentials”
10:40–11:10	<i>Coffee break</i>
11:10–11:50	Z. Rudnick, “Prime lattice points in ovals”
12:00–12:40	A. Bondarenko, “Extreme values of the Riemann zeta function”
12:40–14:10	<i>Lunch</i>
14:10–14:50	J. Ortega-Cerdà, “A sequence of well-conditioned polynomials”
15:00–15:40	J. R. Wright, “From Fourier restriction to Diophantine equations (and back)”
15:40–16:10	<i>Coffee break</i>
16:10–16:50	A. Iosevich, “Erdős/Falconer problems and applications to classical analysis”
17:00	<i>Closing</i>